73. (New) The method of claim 55, wherein said reverse transcriptase is selected from the group consisting of avian myeloblastosis virus (AMV) reverse transcriptase, Moloney-murine-leukemia virus (MMuLV) reverse transcriptase, and Rous Sacroma Virus (RSV) reverse transcriptase.

74. (New) The method of claim 43, wherein said population of cRNA is produced using *in vitro* transcription.

75. (New) The method of claim 57, wherein said first strand cDNA is synthesized using a polymerase that has reverse transcriptase activity.

76. (New) The method of claim 43, wherein said second strand cDNA is synthesized using a DNA polymerase.

77. (New) The method of claim 57 wherein said second strand cDNA is synthesized using a DNA polymerase.

IN THE SPECIFICATION

At page 4, after line 6, add the following new paragraph:

In Step 1 100 pmol of oligo dT-T7 and reverse transcriptase are used. In Step 2 the RNA/DNA complex is heated to 95°C for 5 minutes to denature and separate the complex. In Step 3 100 µg of random hexamer, Klenow, and T4 DNA Polymerase are incubated for 2 hours at 37°C. In Step 4 T7 RNA Polymerase and biotinylated CTP/UTP are added to accomplish *in vitro* transcription.

Respectfully submitted,

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